

IN THE CLAIMS:

1. (Currently Amended) A method of transmitting metric data from a medical data collecting device having a unique resistor value via an intermediate device having a fixed resistor value to a server computer, the method comprising:
 - receiving a the unique resistor value from the medical data collecting device;
 - determining a cable type of a medical data collecting device by dividing the fixed resistor value by the unique resistor value of the intermediate device, thereby deriving an analog value performing an operation using the unique resistor value and a fixed resistor value;
 - transmitting a cable type value corresponding to the cable type to a server computer;
 - receiving device configuration instructions from the server computer, the server computer using the cable type value to identify the medical data collecting device and storing configuration data for a plurality of medical devices;
 - configuring a multiplexer in the intermediate device to an appropriate output level and to an appropriate bit rate ~~one or more components~~ to enable communication with the medical data collecting device, ~~wherein one component is a configurable multiplexer;~~ and
 - receiving metric data from the medical data collecting device at the intermediate device for transmission to the server computer.
2. (Original) A method as recited in claim 1 wherein receiving device configuration instructions from the server computer further comprises:
 - on the server computer, using the cable type value to retrieve the device configuration instructions from a database such that intelligence regarding the medical data collecting device resides on the server computer.
3. (Original) A method as recited in claim 1 further comprising:
 - determining whether a host input/output connection is enabled and a device input/output is enabled.
4. (Currently Amended) A method as recited in claim 1 further comprising:
 - a the multiplexer reading the cable of the medical data collecting device; and
 - a modem transmitting the cable type value to the server computer wherein a predetermined dial-up number is used to connect to the server computer.

5. (Original) A method as recited in claim 1 further comprising transmitting an acknowledgment to the server computer.

6. (Currently Amended) A method of sending metric data from a self-monitoring diagnostic meter to a data repository using an intermediate device with an adaptor assembly, the method comprising:

enabling a first connection between the intermediate device and a self-monitoring diagnostic meter via the adaptor assembly and enabling a second connection between the intermediate device and a host input/output;

determining a specific type of self-monitoring diagnostic meter by examining at the data repository a cable type value by ~~dividing performing an operation using~~ a unique resistor value of the diagnostic meter and a fixed resistor value of the intermediate device to derive an analog value repository; and

configuring a multiplexer in the intermediate device using intelligence data sent from the data repository, wherein the multiplexer is configured to an appropriate output level and to an appropriate bit rate;

~~receiving thereby enabling the intermediate device to receive~~ data via the adaptor assembly from the self-monitoring diagnostic meter through the first connection; and

transmitting the data through a second connection, wherein the intermediate device performs only as a conduit for the data no operations are performed on the data in the intermediate device.

7. (Original) A method as recited in claim 6 further comprising reconfiguring the intermediate device with new intelligence data when a different self-monitoring diagnostic meter is connected to the intermediate device.

8. (Original) A method as recited in claim 6 further comprising directly connecting the intermediate device to a telephone connection for transmitting metric data to the data repository.

9. (Original) A method as recited in claim 6 further comprising directly connecting the intermediate device to one of a plurality of self-monitoring diagnostic meters.

10. (Original) A method as recited in claim 6 further comprising installing a second intelligence data in the central repository to accommodate a new, previously unknown,